

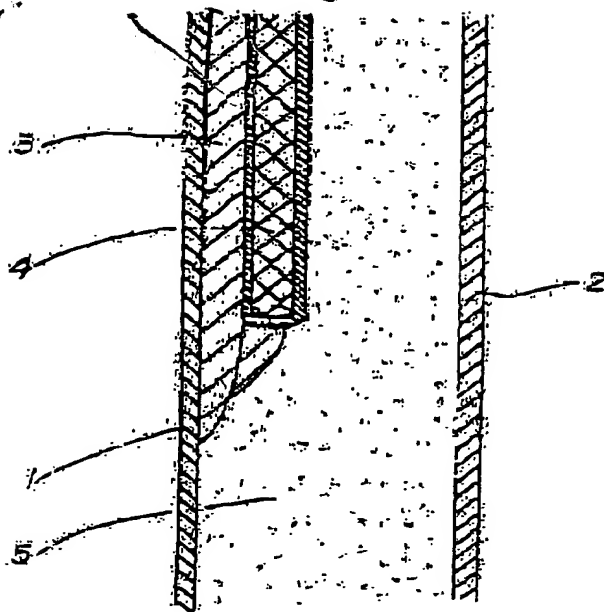
## Searching by Document Number

\*\* Result [Patent] \*\* Format(P801) 13, Mar, 2002 1/ 1  
Application no/date: 1984- 28876 [1984/02/17]  
Date of request for examination: [1987/06/01]  
Public disclosure no/date: 1985-174473 [1985/09/07]  
Examined publication no/date (old law): 1980- 9272 [1990/03/01]  
Registration no/date: 1587997 [1990/11/19]  
Examined publication date (present law): [ ]  
PCT application no: [ ]  
PCT publication no/date: [ ]  
Applicant: SHARP CORP  
Inventor: YAMAMOTO NORIMASA  
IPC: F25D 23/08  
Expanded classification: 242  
Fixed keyword:  
Title of Invention: MANUFACTURE OF HEAT-INSULATING STRUCTURE  
Abstract:

PURPOSE: It is done by filling a foam heat insulating material between an inner plate and a shell after bonding a vacuum adiabatic panel to either one side of an inner plate or a shell by using an adhesion action of a foam heat insulating material so that it is not necessary to use a spacer, etc..

CONSTITUTION: Foam heat insulating material 3 is applied to 4 installation position of the vacuum adiabatic panel of the exterior of inner plate 1 \*(spray). When gelling, vacuum adiabatic panel 4 is crimped. Vacuum adiabatic panel 4 is fixed to the inner plate 1 side by an adhesion action of foam heat insulating material 3. This inner plate 1 is installed in shell 2. It bubbles \*(an injection) \*(final foam heat insulating material 5) in the space part, and an adiabatic structure is manufactured. This vacuum adiabatic panel 4 can be installed in the inside side \*(of shell 2). As a result a method of manufacturing the adiabatic structure that does not need to use a spacer, etc. can be obtained.  
( Automatic Translation )

BEST AVAILABLE COPY



BEST AVAILABLE COPY